

Remarks

Claims 1-43 are pending in this application, claims 7-9, 16 and 27 and 23 of which are indicated to be allowable. Applicant has amended those claims into independent form, or these claims depend on a claim in allowable form, and these claims are now submitted to be in condition for allowance. An authorization to charge the fees for the new independent claims is submitted herewith.

With regard to the claim objection to claim 27 in paragraph 1, claim 27 has been amended as suggested by the Examiner. This is believed to overcome the objection to this claim.

With regard to the rejection of claims 20-33 under 35 U.S.C. Section 112 in numbered paragraph 2 of the Office Action, claim 20 has been amended to provide the requisite antecedent basis. This is believed to resolve the rejection of these claims under 35 U.S.C. Section 112.

Applicant respectfully traverses the rejection of claims 18, 20, 34 and 38-41 (and their dependent claims) under 35 U.S.C. Section 102(b) in view of Hynes as presented in numbered paragraph 4 of the Office Action. To focus on this issue, claim 1 is amended to reflect a combination of original claims 1 and 18. Claim 18, now amended claim 1, calls out that the heat generating wall is comprised of a material which generates heat in response to the application of current. Hynes does not show a material which generates heat in response to the application of current. For example, the thin heating elements 27 of Hynes are exposed directly to impinging air and rapidly heat the air (see Hynes, page 2, column 1, lines 7-11). The material comprising the wall of Hynes is not applied with current to generate heat. Consequently, amended claim 1 is submitted to be novel and patentable in view of Hynes.

With regard to claim 20, Hynes shows neither a material generating heat in response to the application of current nor a conductive material that is more electrically conductive than the heat generating material. The arguments presented with regard to claim 18 are relevant to claims 34, 39, 40 and 41 but are not repeated for the sake of brevity. Reconsideration and withdrawal of all of these rejections is requested.

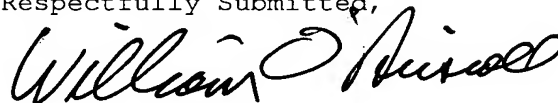
Claim 38 is submitted to have independent novelty and patentability inasmuch as no reference shows the claimed arrangement including varying the amount of heat generated within the housing wall.

The rejection of claim 43 under 35 U.S.C. Section 103(a) in view of a proposed combination of Hynes and Hoffman in numbered paragraph 11 of the Office Action is respectfully traversed. Neither Hoffman nor Hynes shows a heat generating housing wall which provides electrically generated heat. As noted previously with regard to claim 18, Hynes does not show a wall which electrically generates heat. Reconsideration and withdrawal of this rejection is requested.

The rejection of claim 42 under 35 U.S.C. Section 103 in view of the proposed combination of Hynes, Hoffman and Nopanen is respectfully traversed. None of these references discloses heating air by electrically generating heat within a blower housing wall as is required of this claim. As noted above with regard to claim 18, Hynes does not generate heat within a blower housing wall. Reconsideration and withdrawal of this rejection is respectfully requested.

With the foregoing remarks and comments, each issue raised in the Office Action is believed to have been fully addressed, each claim is submitted to be patentable or each claims is dependent upon a patentable claim. If applicant has failed to fully address an issue, the Examiner is requested to contact applicant's representative at the number below.

Respectfully Submitted,



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